

## THE BRITISH EDUCATIONAL MISSION TAKES LUNCHEON AT THE INSTITUTE

On invitation of the Council of National Defense, the British Government has sent to the United States a distinguished Mission to inquire into the best means of procuring closer co-operation between British and American educational institutions, to the end, greatly desired on both sides, of making increasingly firm the bonds of sympathy and understanding that now unite the English-speaking world.

The Mission was received last Monday at noon by President and Mrs. MacLaurin and entertained to lunch. Those present at the lunch were the members of the Mission, President and Mrs. Lowell of Harvard, Professor and Mrs. Kunely, and President and Mrs. MacLaurin. After lunch the Mission, accompanied by the heads of the various departments, was shown around the Institute.

The Mission is composed as follows: Dr. Arthur Everett Shipley, Vice-Chancellor of the University of Cambridge, Master of Christ's College, and Reader in Zoology, Sir Henry Miers, Vice-Chancellor of the University of Manchester and Professor of Crystallography; The Rev. Edward Mewburn Walker, Fellow, Senior Tutor, and Librarian of Queen's College, Oxford; the Hecdomadal Council, Oxford University, Sir Henry Jones, Professor of Moral Philosophy, University of Glasgow; Dr. John Joly, Professor of Geology and Mineralogy, Trinity College, Dublin; Miss Caroline Spurgeon, Professor of English Literature, Bedford College, University of London; and Miss Rose Sidgwick, Lecturer on Ancient History, University of Birmingham. Accompanying the Mission is Dr. Shipley's secretary.

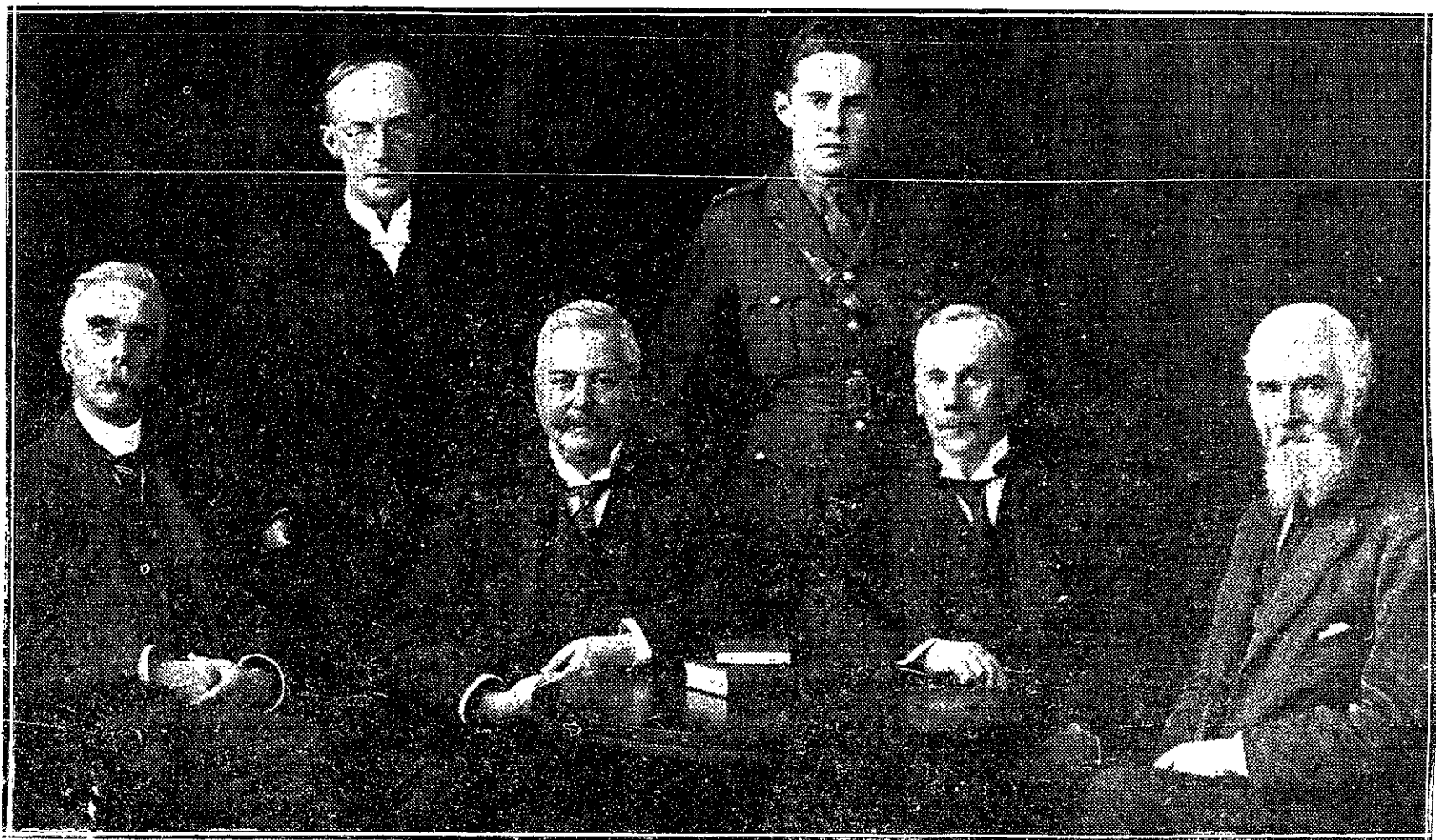
Dr. Shipley is a zoologist. His writings include several standard textbooks of zoology. Since the commencement of the War he has written two books of extraordinary interest and humor, on a subject which, if less skillfully handled, would be generally regarded as repulsive—lice, bugs, fleas, and flies—little animals which in all former wars have contributed to the failure of armies in almost as large a measure as swords or guns. But for recent knowledge of their habits, the havoc which they have worked in this War, already sufficiently serious, might have been the determining factor. "Minor Horrors of War" and "More Minor Horrors" are books which may be read with pleasure.

Miss Caroline Spurgeon was educated at Cheltenham College, Dresden, Paris, and at King's College and University College, London. In 1899 she won First Class Final English Honors at Oxford. From 1901 to 1913 she was Assistant Lecturer or Lecturer in English at Bedford College for Women. She is now Professor of English Literature at the

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### Y. M. C. A. NEWS

A meeting of the Advisory Committee of the T. C. A. is to be held during the week. At this meeting, all the old business will be carefully gone over and revised, and definite plans made for the activities of the immediate future. The officers of the T. C. A. are working in hearty accord with the new plans for enlarged service. Monday the T. C. A. office was moved from the main building into the hut. The book exchange will be at Mr. Palmquist's office, and will serve the interests of the students as heretofore. From 12 to 12.30 daily, except Mondays, Mr. Palmquist will be in THE TECH LOUNGE to serve members of the student body who are not in uniform.



Distinguished group of the British Educational Mission visiting Boston in interests of closer co-operation of American and British educational institutions. Seated, left to right: Dr. John A. Joly, Trinity College, Dublin; Dr. Arthur Everett Shipley, vice chancellor University of Cambridge and Master of Christ's College; Sir Henry A. Miers, vice Chancellor University of Manchester, and Sir Henry Jones, University of Glasgow. Standing: Rev. Edward Mewburn Walker, Oxford University, and Lt. J. Beverly Nichols, secretary of the mission.

### BARRACKS AT TECHNOLOGY ARE NOW QUITE FINISHED AND COMFORTABLE

S. A. T. C. Men Like Life in Barracks Pretty Well  
Outside of the Early Hours and  
Busy Schedule



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INTERIOR VIEW OF BARRACK 1

The barracks at the Institute have now been made as comfortable as possible, considering the short time in which they were constructed, and the type of building. As the five structures which house the members of the S. A. T. C. are all alike, only one need be described.

The buildings are of two stories, and one company is on each floor. The entrances are in the front—the main one in the center, and one in each corner. There is also a staircase on the side of the building, which gives access to the top floor from the outside. The inside stairway is at the main entrance.

(Continued on page 3)

### MEN IN SERVICE

The following are the statistics of the War Service Auxiliary for Oct. 26.

Men in Service, 2536; Amer. Exp. Forces, 806; Foreign Service, 72; Aviation, 435; Navy, 504; Officers, 1621; O. T. C., 171; Insp. or Instr., 117; Amb., Red Cross, etc. (A. E. F.), 61; Lt.-Col. or higher, 36; Cited, 18; Deaths, 55.

### NAVAL UNIT

To Have Both Athletic and Musical Activities

Activities along all lines in the Naval unit which has been established at the Institute, took a new lease on life during the first few days of the week. Prospective football teams, track squads and musical organizations came into being almost over night and all these branches of outside interest are receiving the active support of the officers of the unit as well as the individual members.

The plan for a football team was launched during the last part of last week, but a real beginning was made Sunday night when a voluntary subscription was taken from the members of the unit to supply the players with the necessary togs. Enthusiasm was aroused by a competition between the different companies for the record donation. Before the bidding ceased, a total of \$206 had been collected and the 1st company carried away the honors with about \$40 to its credit. A portion of this money has already been spent for suits.

Practice is carried on twice a day, at noon and at 4 in the afternoon. About 30 candidates have reported so far, and these men are excused from the drill periods. Many of the men are from other colleges, where they were con-

(Continued on page 3)

### MAJOR TURNER TALKS TO M. I. T. BATTALION

Explains That The Men In This Branch Will Be Held in Strict Account For Their Conduct at All Times

SAYS WORK IS SERIOUS

In a talk Monday to the Massachusetts Institute of Technology Battalion (made up of all Sophomores and freshmen not in the S. A. T. C. or in the naval branch of the S. A. T. C.) Major Turner emphasized the importance of this division. In his speech he said that the men in this branch of the service are subject to strict military discipline from the time they enter the grounds to the time they leave them. He reminded them that they will also be held to account for their actions outside of the school, and if the faculty should hear of any misdemeanor on their part they will probably be put out of school, thereby losing all chance of getting a commission in any officers' training camp anywhere in the United States.

He continued to say that they were the younger brothers of the S. A. T. C. and compared them to it, and explained that a very close record of their ac-

(Continued on page 3)

The M. I. T. War Service Auxiliary will open a Hostess Room in the Emma Rogers Room (Bldg. 10, Room 340).

All members of the S. A. T. C. and S. N. T. C. are cordially invited to use this room to meet their families or friends.  
Hours: 4-7 P. M., daily except Saturday. 1-4 P. M., Saturday.

# The Tech

Established 1881

Published twice a week throughout the year by the students of the MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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## MANAGING BOARD

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Although communications may be published unsigned if so requested, the name of the writer must in every case be submitted to the editor. THE TECH assumes no responsibility, however, for the facts as stated nor for the opinions expressed.

The Editor-in-Chief is always responsible for the opinions expressed in the editorial columns, and the Managing Editor for the matter which appears in the news columns.

## IN CHARGE OF THIS ISSUE

Edward Allan Ash Oct. '20 ..... Asst. Night Editor

WEDNESDAY, OCTOBER 30, 1918

## THE PROFESSORS AT FAULT

WHEN the regulation was passed that no one should go to and from the barracks and the main buildings except during the ten minutes between five minutes of and five minutes after the hour, it was not taken into consideration that Technology Professors never have and never will let our their classes when they should. The result is that many important classes are missed and the men do not have time to get to the barracks to get their books. The time would be sufficient if the professors let the classes out on time always, but they always will run overtime once in a while, probably just when it is necessary to get a book from the barracks. Then, too a lot of time is lost waiting around the entry to the main buildings when one gets out of a laboratory early. It would be more to the point if one could pass out as soon as he were through class.

## BOY SCOUTS OR SOLDIERS?

A soldier of the United States should conduct himself at all times like a man, not like a boy scout. This means he should be neat in appearance, keep his coat and blouse buttoned always, have his leggings clean and his shoes polished. So far one might well mistake many of us here for boy scouts. It is necessary not only to look like a soldier, but to act like one when out of sight of the C. O.

## A GOOD LESSON IN PUNCTUALITY

THE punishments for overstaying leave of absence are severe enough to make it worth while to take pains to be back to formations on time. This is quite different from the old times before the war when lateness to classes, oversleeping, and cutting were quite common. The lesson in punctuality and reliability, however, ought to be a good one.

## TRACK

MONDAY afternoon, at 4 o'clock a meeting was held in the lecture hall to call together candidates for the track team for the coming year. Only 30 or 40 men showed up, although ample notice of the meeting was given. Coach Kanally told those assembled that now was Technology's opportunity to gain a track standing among the other colleges. Every year the team has been just a little better than the team of the year previous. This year, because of the military training situation, some track teams are going dead; here's the chance to pull Technology's track reputation along to the high water mark, by showing them that we aren't going to quit because we wear a uniform. Men in the S. A. T. C. and S. N. T. C. report to Coach Kanally at 4 o'clock today, and run your legs off for the Institute. Come out, don't forget.

## HAY COMPRESSING PLANTS

Hay recompressing plants with a daily capacity of approximately 1,500 tons are being operated at the present time by the Fuel and Forage Division of the Quartermaster Corps. Arrangements have been made for the speedy completion of other plants which will bring the total daily recompressing capacity up to 2,000 tons. Based on a

month of twenty working days, this will give an output of 40,000 tons per month, which amount will more than meet the monthly consumption overseas. Further recompressing plants will have to be constructed in order to build up a larger overseas reserve stock, and every effort is now being made by the Fuel and Forage Division to put the construction of these additional plants into motion.

## PERSONALS

Charles H. Taverner '19, has accepted a position as aeronautical engineer in the mathematical department of the Curtiss Engineering Corporation, at Garden City, Long Island. This corporation does all the research work required by the Curtiss Aeroplane and Motor Company of Buffalo, the largest manufacturers of airplanes in America.

While at the Institute Mr. Taverner was a leading spirit in many under-



CHARLES H. TAVERNER '19

graduate activities. He was one of the founders of the Aero Club, of which he was successively secretary, president and vice-president. He was chairman of the sub-committee on Aeronautic Preparedness, and acted as publicity manager and assistant editor of the Technology Monthly. In the technical societies, he was a student member of the A. S. M. E., and a junior member of the S. A. E.

Leonard L. Stanley '14 went through school of aviation in France and nearly completed training when he broke both legs in an accident. (May, 1918). He received every care and is now walking and regaining strength. (Sept., 1918). He is doing technical work in Aviation Section with headquarters in Paris. Address 702 Amer. Post Office.

Charles Dann Waterbury '95, Captain, Q. M. C., of the Engineering Branch of the Construction Division of the Army, died in Walter Reid Military Hospital, Washington, D. C., on Wednesday, Oct. 9, of bronchial pneumonia following influenza. Captain Waterbury had charge of the drafting room, serving in his professional capacity as architectural engineer. He was buried Tuesday, October 15, 1918, in the Officers' Section of Arlington National Cemetery, Washington, with military honors.

He leaves a widow, whose brother was also a 1895 (Course X) M. I. T. man, Judson C. Dickerman. Captain Waterbury came to the Construction Division in May, 1918, occupying same position after being commissioned as before.

Professor Edward E. Bugbee '00 of the Mining Department of the Institute has been granted a leave of absence to accept the position of Assistant Director of Education for the S. A. T. C. in five southern states with headquarters at Raleigh, North Carolina. He will cover the states of Virginia, North Carolina, South Carolina, Georgia and Florida.

Clarence Kenworthy Reiman '12, has been commissioned a captain in the chemical warfare section of the United States army. He is the only son of Mr. and Mrs. Henry W. Reiman. He was graduated as a chemist from the Institute with a degree of S. B. He remained here a short time as instructor and then went to Europe where, as one of the beneficiaries of the Wheelwright School fund, he studied at Leeds, Eng., and at Geneva, Switzerland, and won the degree of doctor of science. Returning home he resumed teaching at Technology and became connected with the Louis A. Shaw laboratory in Boston. Ever since the United States entered the war, Capt. Reiman has devoted his exceptional abilities as a chemist to his country and has done war work of a most important character. He has been in charge of special war work in Boston and Cleveland, and has made a number of trips between the two places.

Mr. and Mrs. William Joshua Rounds announce the marriage of their daughter, Lillian Lawton to Herbert Beamish Lerner '18, Lieut. United States Public Health Service, on Saturday, the 12th of October, 1918, at Florence Alabama.

## HERBERT F. SKELTON

President of the Alumni Association of Marine Engineers

With the decrease in the influenza the Alumni Association of Marine Engineers, one of the schools trained at Technology for the U. S. Shipping Board, is becoming active, and its president, Herbert F. Skelton, is making plans for a very useful association. It is the intention to invite all the graduates of the successive schools to become members, and reunions and little gatherings wherever half a dozen of the men come together, whether overseas or on this side, are in the plans. To make the association more helpful an assistant secretary has been elected, Miss Mildred W. Carpenter, secretary to Professor Miller. The association will have therefore a permanent headquarters on land for the exchange of information and the arrangement of the various occasions.

The officers of the new association are: President, Herbert F. Skelton of 337 Washington street, Newton; vice-presidents, Ralph H. Cole of 212 Summer street, Portsmouth and, Frederick W. Allen of 834 Carver street, Springfield; secretary, William W. Burke of 163 Concord street, Manchester, N. H. and treasurer, David H. Davies of 139 Bradstreet avenue, Beachmont. Honorary members were elected, namely: Professor E. F. Miller, director of the U. S. Shipping Board Schools for Engine Room Officers, and H. Hathaway of the U. S. Shipping Board. The associa-



(C) BOSTON PHOTO NEWS  
H. F. SKELTON

tion proposes to have a banquet next week to which will be invited all former graduates who are in the vicinity of Boston.

President Skelton has been in many

## THE PRESENT TERM

It is not known definitely when the present term will end. The term was to be twelve weeks in length; this will bring the close about the first of the year. There will be a week between terms which may give those not in the S. A. T. C. an opportunity to go home; for those in the service this week may be one of drills or examinations.

No catalogue will be issued this year. A book giving all the necessary information pertaining to the Institute will, however, be published in the near future. The directory of the faculty and students is coming out as usual.

countries in charge of stationary engines including the Corliss and the modern high speed types and turbines. Secretary Burke has been for a number of years in the shops of the Amoskeag Co. The association has adopted a new badge which skillfully combines the U. S. shield, the title of Technology, the initials of the U. S. Shipping Board and totem of the Merchant Marine.

## C. L. PEPPER '11 RECEIVES IMPORTANT APPOINTMENT

Chester Lawrence Pepper '11, of Quincy, son of Mr. and Mrs. John A. Pepper of County road, Chelsea, Mass., has resigned from the Mass. Board of Education, where for the last four years he has given efficient service.

He leaves his position as Agent in Charge of Industrial Education to assume new duties with the Federal Board of Vocational Education where he will utilize his wide Industrial and Educational experience in the Rehabilitation of Disabled Soldiers and Sailors.

The problem of training under this plan is substantially as follows:

As soon as the Army authorities have decided that any disabled man is to be discharged from the hospital and returned to civilian life, it becomes the duty of the Federal Board, through its vocational advisers in hospitals to deal with the problem of training him and of placing him in civilian employment. This task involves five possible steps:

- (a) Election by the disabled man of a course of training.
- (b) Preliminary training to fit him for a definite occupation or pursuit.
- (c) A probationary period of employment in that occupation or pursuit.
- (d) Placement in suitable employment in the occupation or pursuit.
- (e) Follow-up work to safeguard his interests.

Representatives of the Federal Board

(Continued on page 4)

# Dividend Checks

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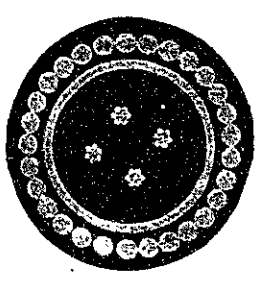
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### ORGANIZED CREW WORK TO BE DISCONTINUED FOR THE YEAR

#### Race Between The Army Unit and Civilians Considered

After due consideration, the crew management has decided that there will be no organized crew work this Fall. The Navy Unit has flatly refused to consider shell rowing, as this would interfere with their work in cutters, which is part of their daily routine. They are very willing, however, to row the army men in cutters on November 15, the date provisionally set for the Army-Navy Athletic Meet.

A race on that date between the army men and the freshmen in neither the army or navy unit has been seriously considered. However, the men in the S. A. T. C. have at present only an hour a day, which could be devoted to crew work. That time is hardly adequate, as about half of it would be used in getting out of the boat house and back again.

At present the equipment of the Technology Rowing Association is in the best of shape, as preparations had been made to handle a large number of men for Field Day. Those freshmen not in the army or navy units are strongly urged by the management to come out a few afternoons a week. Mr. Manning is at the boat house every afternoon, and will take care of any men showing up. No experience is necessary, and this is an opportunity to get some extra training for crew, which may be very valuable in days to come.

The boat house is located on Charles River Road toward Cottage Farm Bridge, opposite Gray and Davis Factory. It is about a ten minute walk from the Institute.

It is advisable that men get together and come to the boat house in units of not less than five men.

### M. I. T. BATTALION

(Continued from page 1)

demic and military work will be kept for use of the war department saying that when the next registration takes place men would be chosen from the Battalion and placed in the rank befitting them. He enlarged this subject, explaining that when they register those that had very good records would be sent to officers training camps, those that did good work would have a chance to get in the S. A. T. C., and those that were poor would have no chance at all, and would be sent to Camp Devens, or a similar camp.

On being interviewed by a Technology reporter he expounded on the fact that the men in the battalion are a part of the military establishment of the United States and must consider their work seriously. He was asked about uniforms and replied that the government will either issue the men their uniforms or furnish the money to buy them.

He closed by saying that the prob-

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lem of the department, of which he and Col. Hamilton have charge, is to please the war department to its utmost.

### BARRACKS COMPLETED

(Continued from page 1)

The buildings are entirely of wood, except that the inside walls downstairs have their upper halves plastered, which relieves the monotony of so much wood. The ground floor is divided into two large sleeping rooms, while the top floor consists of one room. The orderly room downstairs is in one corner, and upstairs is next to the staircase. There are four aisles in the rooms, running between the posts which support the ceiling. Each aisle has a row of beds, and at the head of each bed is a wooden box, in which the fellows can keep their uniforms, etc. Some have a trunk or suitcase under their beds to hold more of their things. In the daytime, the canvas-covered mattresses are rolled in half at the head of the bed, and the folded blankets and the pillow are placed on top of it. Needless to say, they all look very neat. The rooms are cleaned by the fellows and are kept in good shape. Windows about eight feet apart give plenty of air. Radiators running all the way around the rooms will ensure plenty of heat during the coming cold months. Light is furnished by overhead electric lights. A piano on each floor is a means for recreation during the little time the men are in the barracks. Between the barracks are smaller buildings which contain wash-rooms and a shower-room, although no showers have been installed yet, which is very inconvenient.

The life in the barracks keeps the fellows very busy, as their time is pretty well taken up. The one complaint is the compulsory attendance at study hours when they have no work to do, and might be in the Y. M. C. A. writing letters. All the same, they find the barracks pretty comfortable as such, and better than they expected. As one observed: "These barracks are paradise compared to those I have been in."

### NAVAL UNIT

(Continued from page 1)

nected with this sport in past years. John McAuliffe, Technology '20, has been appointed official coach of the team which is to be captained by John L. Hurley, 1921, captain of last year's freshman team. Robert J. Sjostrom, 1920, has been elected manager.

The first game will be played this Saturday but a definite schedule has not yet been arranged. However, Coach McAuliffe believes that games with the Naval units at the Worcester Polytechnic Institute, Harvard University, Wakefield and the Technology Army unit will be included.

The track squad, which is at present under the supervision of E. L. Bowditch, has not yet organized to any great extent. The candidates may be seen daily on the track, however, and it is expected that announcements from this activity will be made soon. It is certain that a field day with the Army unit at the Institute will be the chief event of the year.

Along musical lines, the unit has made a good beginning according to Isadore Mandelbaum, who has undertaken the task of organizing a band and an orchestra. About 50 men reported to him Monday and rehearsals and try-outs will begin within a few days. It is his opinion, however, that unless more men who play brass instruments present themselves, a band will be out of the question. He has issued a call for all men with ability to play cornets or trombones to come to rehearsals. All men taking part in either of the musical organizations will be excused from drill.

The unit is to give a minstrel show within a few weeks and it is for this that the establishment of the orchestra is primarily intended.

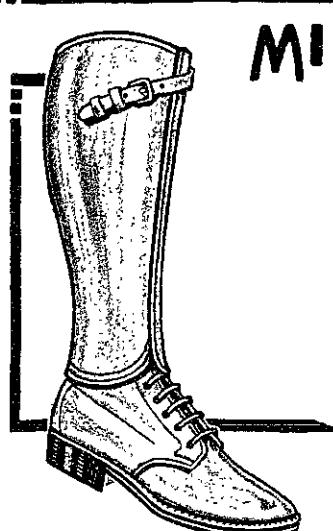
No definite plans for the show have been made as yet but it will be played in the hands of someone with experience in conducting such affairs. The orchestra will also play for dances which the unit will probably run from time to time in Walker Memorial hall. It is possible also that a concert trip may be arranged.

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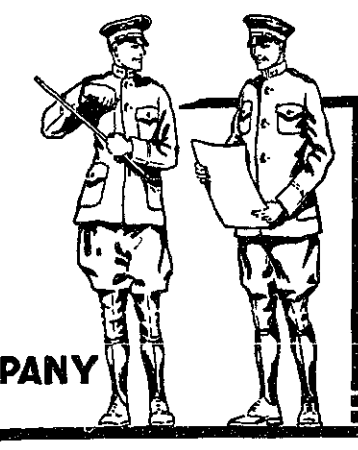
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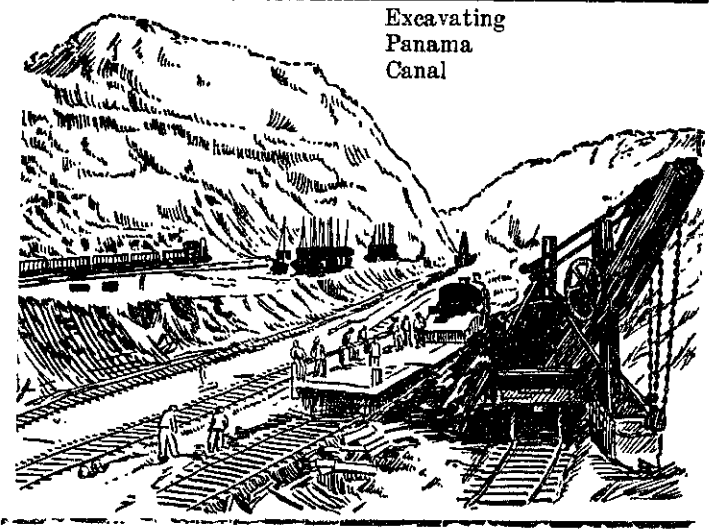
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## BRITISH MISSION

(Continued from page 1)

University of London, Head of the Department of English Literature at Bedford College, Fellow of King's College for Women, London, and Fellow of the Royal Society of Literature.

Miss Rose Sidgwick, a graduate of Somerville College, Oxford, is now Lecturer in Ancient History at the University of Birmingham. The Journal of Education, in announcing her earlier appointment as Assistant Lecturer, in 1905-1906, remarked: "The appointment of Miss Sidgwick has perhaps a special interest, as it has not yet often happened that women have been appointed to academic posts after an open competition with men."

Sir Henry Miers has been for many years a Fellow and Governor of Eton, and Fellow of Magdalen College, Oxford. He was knighted in 1912, and is a member of the committee appointed by the Prime Minister to report on Adult Education.

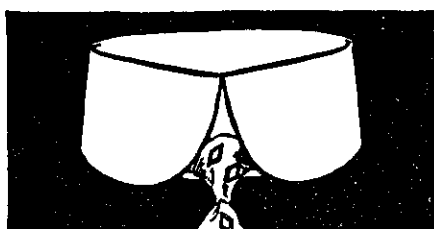
Th Rev. E. M. Walker has played a large part in the life of the University of Oxford during the past thirty years. He has been developing post graduate courses for foreign students in the British Universities since the war began. He represented Oxford at the Conference of Universities, which, in May of this year, met in London to consider the whole question of post-graduate study and its recognition by the conferring of degrees.

Sir Henry Jones, Professor of Moral Philosophy in Glasgow University, is, as his name implies, a Welshman. He is one of Mr. Lloyd George's oldest personal friends, and as the Prime Minister is the greatest living representative of Welsh political life, so Sir Henry Jones is regarded in Wales as the greatest representative of literary and academic Wales.

Sir Henry's life story is as romantic as that of any man in Great Britain. Like Mr Lloyd George, he has won his high position from very humble beginnings. His father was a cobbler in a small North Wales village, and the son was early apprenticed to his father's trade. It is still his boast that he "can make a shoe with any man in Glasgow." After a short period of study in Germany he returned to his native country, first as a lecturer in the College at Aberystwyth, and then as Professor of Philosophy in the University College of North Wales.

John Joly, M.A., B.A., Engineering, D.Sc., has been Professor of Geology and Mineralogy in the University of Dublin for the past twenty years. For more than thirty years he has carried on research in physics and especially in the application of physics to engineering. One of his earliest inventions was the steam calorimeter, by means of which he succeeded in determining directly the specific heats of gases at constant volume.

Distinguished as a physicist, he is more widely known as a pioneer in the modern method of photography in col-



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ors. He was the first, in 1897, to take successful photographs in natural colors by the use of a minutely subdivided screen carrying the three primary colors. This experiment led, ten years later, to the development of the well-known and very efficient Lumiere process, on which colored starch grains are substituted for Joly's colored lines.

C. C. PEPPER '11

(Continued from page 2)

will confer with each disabled man before his discharge from the hospital. If he is able to resume his former occupation successfully or to follow some new occupation without special training the Federal Board will assist him, if he so desires, to secure employment therein.

Should he elect, even, under these circumstances, to take additional training for his occupation before he enters upon employment, the law provides that he may do so at the expense of the Government, under conditions determined by the Federal Board. If, however, he is unable to pursue his old occupation or to enter successfully upon a new occupation, he may be trained by the Federal Board for any vocation or pursuit that he desires to follow and in which in the opinion of the board, he is likely to become proficient.

Every effort will be made to assist the disabled man toward that occupation in which he is most interested and for which, because of his aptitude and experience on the one hand and his handicap on the other, he is best suited. In order to utilize previous knowledge and skill the disabled man will be advised—other things being equal—to elect training, should he need it, for the industry, business, or pursuit in which he was engaged before the war or for one akin to it.

The disabled man, with approval of the board, may elect to be trained in agriculture, commerce, industry, transportation or the professions. The length and character of the course of instruction will depend upon the requirements of the vocation, the ability and interest of the man, and his previous training and experience."

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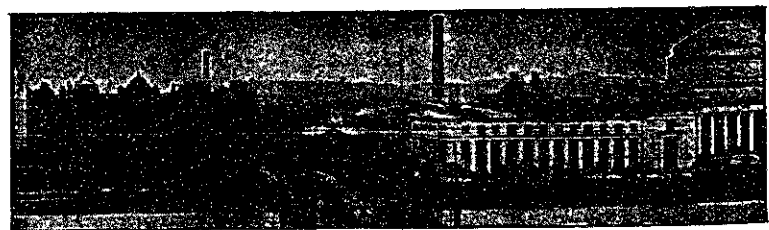
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